

DT14 Rec'd PCT/PTO 23 NOV 2004 T

PATENT APPLICATION

10/507316

A circular black ink stamp from the Office of Intellectual Property (OIP). The text "OIP" is at the top, "JC139" is at the top right, "NOV 23 2004" is in the center, and "PATENT & TRADEMARK OFFICE" is at the bottom.

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November 19, 2004

Mail Stop PCT
Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

SECOND INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed foreign documents and non-patent publications are also enclosed

The concise explanation of relevance for the non-English document is found in the specification where cited and in an attached abstract.

The Examiner's attention is also directed to the following U.S. Application:

<u>APPLICATION NO.</u>	<u>FILING DATE</u>	<u>GROUP ART UNIT</u>
10/886,570	July 9, 2004	1774

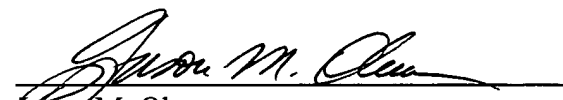
Since this application is stored in the U.S. Patent and Trademark Office's IFW system, a copy thereof is not enclosed due to a sua sponte waiver of 37 C.F.R. § 1.98(a)(2)(iii).

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be initialled and returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should be directed to our address given below.

Respectfully submitted,


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NY MAIN 465090v1

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		ATTY DOCKET NO. 03500.017248		APPLICATION NO. 10/507,316			
		APPLICANT <p style="text-align: center;">Akira Tsuboyama et al.</p>					
		FILING DATE <p style="text-align: center;">May 2, 2003</p>		GROUP <p style="text-align: center;">N.Y.A.</p>			
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2003/0224208 A1	12/04/03	Kamatani et al.	428	690	04/07/03
		2003/0235712 A1	12/25/03	Takiguchi et al.	428	690	06/17/02
		2004/0013905 A1	01/22/04	Tsuboyama et al.	428	690	03/28/03
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		10-308277	11/17/98	Japan			Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		C. H. Chen et al., "Recent Developments in Molecular Organic Electroluminescent Materials", <i>Macromol. Symp.</i> 125, 1997, pgs. 1-48.					
		Y. Ma et al., "High Luminescence Gold(I) and Copper(I) Complexes with a Triplet Excited State for Use in Light-Emitting Diodes", <i>Advanced Materials</i>, Vol. 11, No. 10, 1999, pgs. 852-857.					
		Delphine Felder et al., "Highly Luminescent Cu(I)-Phenanthroline Complexes in Rigid Matrix and Temperature Dependence of the Photophysical Properties", <i>J. Am. Chem. Soc.</i>, 2001, 123, pgs. 6291-6299.					
		Rosemary A. Rader et al., "Photostudies of [Cu(bpy)(PPh₃)₂]⁺, [Cu(phen)(PPh₃)₂]⁺, and [Cu(dmp)(PPh₃)₂]⁺ in Solution and in Rigid, Low-Temperature Glasses. Simultaneous Multiple Emissions from Intraligand and Charge-Transfer States", <i>J. Am. Chem. Soc.</i>, 1981, 103, pgs. 5906-5912.					
		Mark T. Miller et al., "Effects of Sterics and Electronic Delocalization on the Photophysical, Structural, and Electrochemical Properties of 2,9-Disubstituted 1,10-Phenanthroline Copper(I) Complexes", <i>Inorg. Chem.</i>, 1999, 38, pgs. 3414-3422.					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT		

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Toshiyuki Shono et al., "Syntheses of Copper (I) Triphenylphosphine Complexes", <i>Chemistry Letters</i> , 1972, pgs. 163-164.
	Whei-Lu Kwik et al., "Ternary Complexes of Copper (I) with 2,9-Dimethyl-1,10-phenanthroline and Some Oxygen-donor Ligands", <i>J.C.S. Dalton</i> , 1981, pgs. 452-455.
	Mark T. Miller et al., "A Highly Emissive Heteroleptic Copper (I) Bis(phenanthroline) Complex: [Cu(dbp)(dmp)] ⁺ (dbp = 2,9-Di- <i>tert</i> -butyl-1,10-phenanthroline; dmp = 2,9-Dimethyl-1,10-phenanthroline), <i>J. Am. Chem. Soc.</i> , 1999, 121, pgs. 4292-4293.
	Michèle K. Eggleston et al., "Steric Effects in the Ground and Excited States of Cu(NN) ₂ ⁺ Systems", <i>Inorg. Chem.</i> , 1997, 36, pgs. 172-176.
	R. Michael Everly et al., "Reinvestigation of the Absorbing and Emitting Charge-Transfer Excited States of [Cu(NN) ₂] ⁺ Systems", <i>J. Phys. Chem.</i> , 1991, 95, pgs. 9071-9075.

EXAMINER	DATE CONSIDERED
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